

## INTERNATIONAL SEARCH REPORT

PCT/EP2004/014484

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G01N21/64 G01J1/04 G01J1/42

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G01N G01J G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 801 828 A (COLLINS RUSSELL L) 1 September 1998 (1998-09-01) abstract column 1, line 63 - column 3, line 11 column 5, line 1 - line 8 figure 1 ----- US 6 355 934 B1 (OOSGOOD ET AL) 12 March 2002 (2002-03-12) column 5, lines 25-53 -----	1-12
A	US 6 018 387 A (EPPLER JOERG ET AL) 25 January 2000 (2000-01-25) * col. 2, lines 22-40 ; col. 4, line 5 - col. 5, line 8 *	1-12
A	US 5 757 014 A (BRUNO ET AL) 26 May 1998 (1998-05-26) abstract -----	1-12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

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- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

23 March 2005

01/04/2005

## Name and mailing address of the ISA

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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US 6355934	B1	12-03-2002	EP JP WO US US	1157268 A1 2002543370 T 0050878 A1 2002036271 A1 6441379 B1		28-11-2001 17-12-2002 31-08-2000 28-03-2002 27-08-2002
US 6018387	A	25-01-2000	DE	19704731 A1		13-08-1998
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